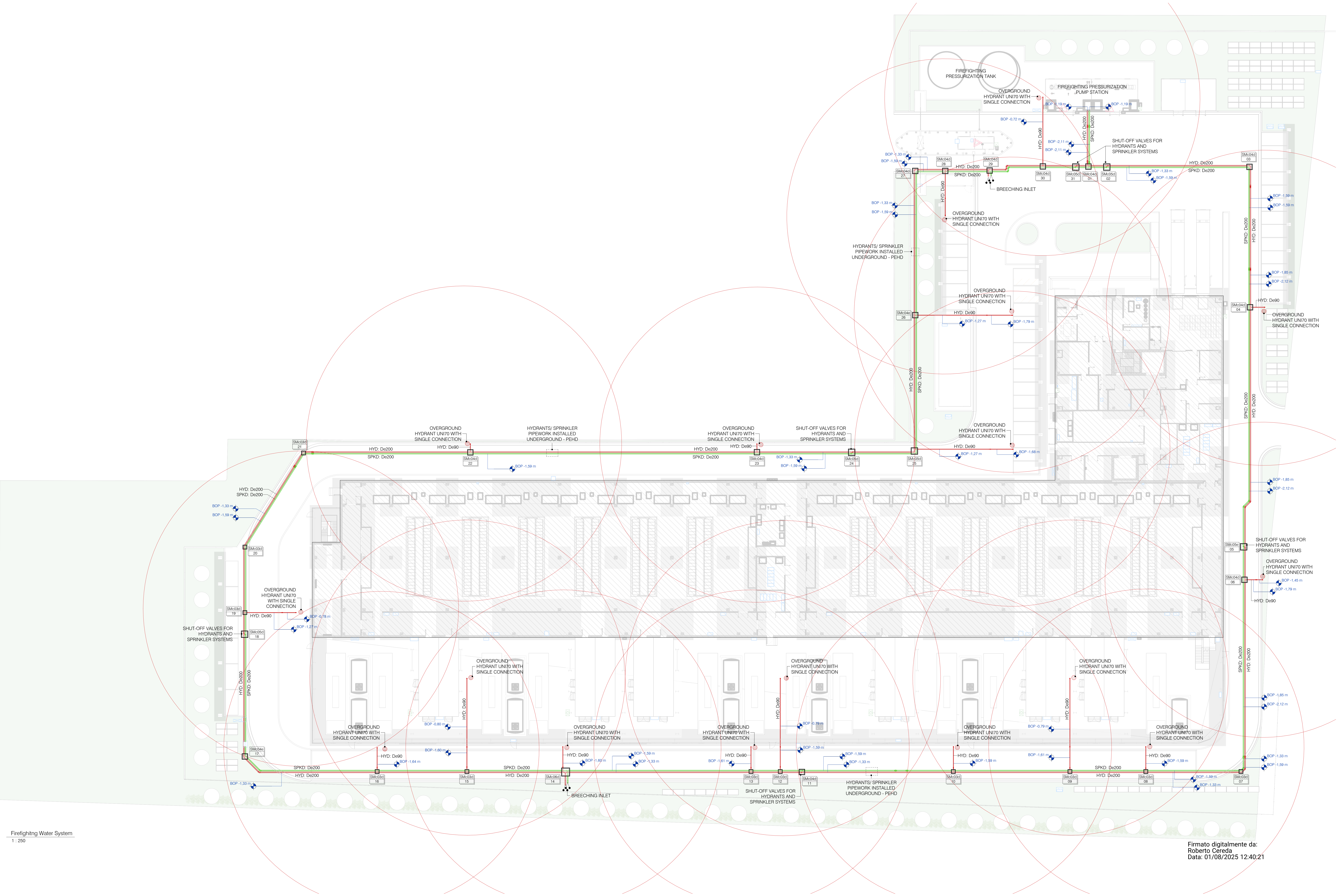
A0 - Do not scale


FIREFIGHTING PRESSURIZATION TANK
FIREFIGHTING PRESSURIZATION PUMP STATION
OVERGROUND HYDRANT UNI70 WITH SINGLE CONNECTION
SHUT-OFF VALVES FOR HYDRANTS AND SPRINKLER SYSTEMS
HYDRANTS/ SPRINKLER PIPEWORK INSTALLED UNDERGROUND - PEHD
BREECHING INLET
HYD: De200
SPKD: De200
HYD: De90
BOP -1,33 m
BOP -1,59 m
SMc04d
SMc05d
SMc03d
SMc04e
SMc05e
SMc06d

Firefighting Water System
1 : 250

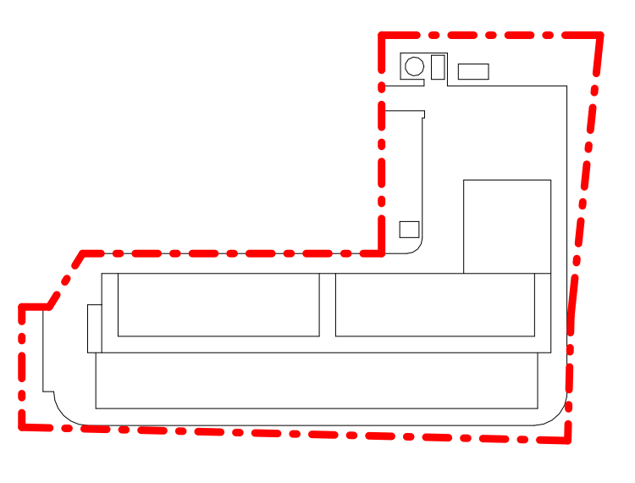
Firmato digitalmente da:
Roberto Cereda
Data: 01/08/2025 12:40:21

General Notes

1. This drawing has been checked in accordance with Black & White Engineering (B&W) QA checking procedures.
2. Do not scale from this drawing. All dimensions indicated are in millimeters unless otherwise stated. Validate all measurements on site.
3. All plant and equipment dimensions are typical. The Contractor should show actual, approved plant and equipment sizes.
4. This drawing is to be read in conjunction with all relevant B&W MEP specifications, schedules and standard key to symbols sheet.
5. Any discrepancies between the drawings and other documents should be brought to the attention of the engineer.
6. This drawing is not an installation drawing. It is the Contractors responsibility to make final coordinated installation shop drawings.
7. Final ceiling coordination subject to interior design package.
8. Contractor to coordinate final distribution routes with available sleeves and openings in beams / structure.
9. The contents of this drawing shall be read in conjunction with the current revisions of other relevant Architectural, Structural, Mechanical and Electrical drawings and all relevant sections of the specifications.

2500 0 2500 5000 7500 10000
SCALE: 1:250
N

Key Plan



Legend: Pipe Systems

HYD 🟥 Hydrant Feeding System
SPK 🟩 Sprinkler Feeding System Dry
Single Connection Overground Hydrant UNI70 With Plumbing Box
Fire Engine Connection
BOP -2,35 m Bottom of pipe's quote - BOP

Manhole Tag

Object code → PXXX
Height → XXX
YYY ← progessive number

Object code → DXXX
Progressive number → DXXX

6100 Schedule Plumbing Fixtures

Type Mark	Length	Width	Height
SMc03d	700,00	700,00	1500,00
SMc04d	1000,00	1000,00	1500,00
SMc04e	1000,00	1000,00	2000,00
SMc05d	1200,00	1200,00	1500,00
SMc05e	1200,00	1200,00	2000,00
SMc06d	1500,00	1500,00	1500,00

GENERAL NOTES:
- Drawing valid only for mechanical installations under contract.
- All measurements and locations of materials and equipment are to be verified on site by the contractor, who shall promptly report any interference with existing.
- Any undetected equipment shall be maintained; if necessary, it shall be modified and restored by the contractor.
- Exact locations of equipment, materials, piping, ducts, connection to existing facilities shall be determined by the contractor and submitted to the construction manager.
- Final sizing according to the manufacturer of the equipment and materials actually installed.
- All equipment must be easily maintainable and accessible via trapdoors or similar solutions even where not specifically specified.
- It will be the contractor's responsibility to size and asseverate all supports, in a workmanlike manner and in compliance with all regulatory requirements for earthquake-proofing.
- Construction detail drawings necessary for the proper execution of the work shall be arranged by the contractor.
- The installation of elements in the field must comply with all manufacturers' prescriptions and recommendations, good engineering rules on acoustics and fire prevention.
- All planned and described interventions, evaluated on the basis of the available documentation, should be re-evaluated and deepened during the works, after plant verification following appropriate surveys of the existing situation.
- The contractor must carefully check the design and report any inaccuracies, incompleteness or discrepancies with any standard or law.
-Connections between two or more sections of duct both with indoor units and with ducts themselves, shall be made only with invitation fittings and not with hammered derivations or detachments. The Contractor shall be responsible for making construction drawings showing the type of derivations and connections between ducts and ducts with the indoor units provided.

Rev	Details	By / Chkd / App	Date
P02	STAGE 3 - 100% ISSUE	L22	28/02/2025
P01	STAGE 2	L22	11/10/2024

Client
STACK INFRASTRUCTURE

Lead Consultant / MEP Designer
Office No. 1801
Marina Plaza
Dubai marina
PO Box 27793
Tel: +971 4 365 2228
www.bw-engineering.com

Designer / Architect / Civil
L22
L22 è una divisione di:
Lombardini22 S.p.A.
Via Lombardini 22
20143 Milano, Italia
T +39 02 36 59 62 00
F +39 02 83 20 13 97
info@l22.it
www.l22.it

Structural
SPS
Studio Progetti Strutturali
Ing. Arturo Donadio
S.P.S. S.r.l.
www.spssrl-mi.it
Via M. Gioia, 64 - 20125 Milano, Italia
segreteria@spssrl-mi.it T. 02/6694887

Project Title
MIL05B

Drawing Title
External Services
Sitewide Firefighting

Project Status
STAGE 3

Discipline
MECHANICAL

Status Code
S4

Project Number
P10504

Scale @ A0
1:250

Revision
P02

Drawing Number
MIL05B-L22-SW-SW-DR-M-90205

Autodesk Docs://P10504_STA MIL05B/MIL05B-L22-SW-XX-M3-M-00001.rvt 27/02/2025 16:42:41 © Black & White Engineering A0v_Frame_Rev 00